WORKSHEET MATHEMATICS

JH GIS 3 JOGJA

Subject : Mathematics

Date :

Grade : 7

Unit & Topic

Multiplication and Division of Integers

Group :

Instruction

- Complete the following worksheet, then determine the rules of multiplication and division for integers.
- After understanding how to perform multiplication and division of integers, solve the problems given by the teacher.
- Simple problems are worth 1 point, and word problems are worth 3 points.

MULTIPLICATION INTEGERS

To understand about how to determine the rules of multiplication and division for integers, observed that:

3 x 3 = 9	3 x 3 = 9
3 x 2 = 6	2 x 3 = 6
3 x 1 = 3	1 x 3 = 3
3 x 0 = 0	0 x 3 = 0
3 x (-1) = ...	(-1) x 3 = ...
3 x (-2) = ...	(-2) x 3 = ...

(positive) x (negative) = ...

(negative) x (positive) = ...

Meanwhile,

(positive) x (positive) = ...

(negative) x (negative) = (positive)

LIVEWORKSHEETS

DIVISION INTEGERS

Division of integers have SAME rules with Multiplication, so we have:

(+) : (+) = (+)
(-) : (-) = (...)
(+) : (-) = (...)
(-) : (+) = (...)

EXERCISES

1. Work out:
   a. 6 x 8 = ...
   b. (-14) : 7 = ...
   c. 9 x 4 : 6 = ...
   d. 19 - 9 + 6 x 7 = ...
   e. (9 + 4) x 5 - 18 : 6 = ...
2. Sebuah kardus terdapat 480 butir telur. Kemudian telur tersebut dimasukkan ke dalam kantong plastik. Setiap kantong plastik berisi 8 butir telur. Berapakah kantong plastik yang dibutuhkan?
3. Bibi mempunyai 5 karung beras. Setiap karungnya berisi 3 kg beras. Lalu beras sebanyak 5 kg dibeli oleh Bu Ari, sedangkan sisanya dibagi kepada 2 adiknya sama banyak. Berapa kilogram beras yang diterima oleh masing-masing adik Bibi?
4. Price List:
   - T-shirt: Rp45.000,00
   - Shirt: Rp52.000,00
   - Short cotton pants: Rp47.500,00
   - Long cotton pants: Rp90.000,00
   - Jeans: Rp125.000,00

   If Arief pays for his shopping, which consists of **2 T-shirts**, **1 pair of long cotton pants, and 2 pairs of jeans**, using Rp500.000,00, how much change will Arief receive?

You may write the answer on the HVS paper provided by the teacher.
Goodluck, sayangku!

LIVEWORKSHEETS